Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	23408	core and (PWB PCB ((printed wiring circuit) near board)) and ((via thru-hole through-hole (thru through) near hole) interconnect$3)	US-PGPUB; USPAT	OR	ON	2005/09/27 16:17
S2	2690	S1 and (conducti$2 filled) near (adhesi$2 epoxy thermoset thermplastic) ablebond$4 ablestik	US-PGPUB; USPAT	OR	ON	2005/09/27 16:20
S3	457	S1 and (CMP polish$3 near2 chemical$2)	US-PGPUB; USPAT	OR	ON	2005/09/27 16:21
S4	9796	S1 and (nub nib protru$4 post bump)	US-PGPUB; USPAT	OR	ON	2005/09/27 16:22
S5	6187	S1 and etch$3	US-PGPUB; USPAT	OR	ON	2005/09/27 16:22
S6	807	S1 and (FR4 glass near2 reinforced near2 epoxy)	US-PGPUB; USPAT	OR	ON	2005/09/27 16:23
S8	1233	S2 and S4	US-PGPUB; USPAT	OR	ON	2005/09/27 16:23
S9	1120	S2 and S5	US-PGPUB; USPAT	OR	ON	2005/09/27 16:23
S7	107	S2 and S3	US-PGPUB; USPAT	OR	ON	2005/09/27 16:24
S10	237	S2 and S6	US-PGPUB; USPAT	OR	ON	2005/09/27 16:24
S11	279	S3 and S4	US-PGPUB; USPAT	OR	ON	2005/09/27 16:24

S12	353	S3 and S5	US-PGPUB; USPAT	OR	ON	2005/09/27 16:24
S13	23	S3 and S6	US-PGPUB; USPAT	OR	ON	2005/09/27 16:24
S15	406	S4 and S6	US-PGPUB; USPAT	OR	ON	2005/09/27 16:24
S16	539	S5 and S6	US-PGPUB; USPAT	OR	ON	2005/09/27 16:24
S17	89	S2 and S3 and S4	US-PGPUB; USPAT	OR	ON	2005/09/27 16:24
S18	100	S2 and S3 and S5	US-PGPUB; USPAT	OR	ON	2005/09/27 16:24
S19	14	S2 and S3 and S6	US-PGPUB; USPAT	OR	ON	2005/09/27 16:25
S20	771	S2 and S4 and S5	US-PGPUB; USPAT	OR	ON	2005/09/27 16:25
S21	154	S2 and S4 and S6	US-PGPUB; USPAT	OR	ON	2005/09/27 16:25
S22	172	S2 and S5 and S6	US-PGPUB; USPAT	OR	ON	2005/09/27 16:26
S23	85	S2 and S3 and S4 and S5	US-PGPUB; USPAT	OR	ON	2005/09/27 16:26
S24	13	S2 and S3 and S4 and S6	US-PGPUB; USPAT	OR	ON	2005/09/27 16:26
S25	112	S2 and S4 and S5 and S6	US-PGPUB; USPAT	OR	ON	2005/09/27 16:27

S26	17	S3 and S4 and S5 and S6	US-PGPUB; USPAT	OR	ON	2005/09/27 16:28
S27	14	S2 and S3 and S5 and S6	US-PGPUB; USPAT	OR	ON	2005/09/27 16:28
S28	13	S2 and S3 and S4 and S5 and S6	US-PGPUB; USPAT	OR	ON	2005/09/27 16:31
S29	286	S4 and S5 and S6	US-PGPUB; USPAT	OR	ON	2005/09/27 16:32
S30	23	S3 and S5 and S6	US-PGPUB; USPAT	OR	ON	2005/09/27 16:32
S31	17	S3 and S4 and S6	US-PGPUB; USPAT	OR	ON	2005/09/27 16:32
S32	237	S3 and S4 and S5	US-PGPUB; USPAT	OR	ON	2005/09/27 16:32
S33	23	S13 S19 S24 S26 S27 S28 S30 S31	US-PGPUB; USPAT	OR	ON	2005/09/27 16:35

| S34 | 77 | ("3011920" \| "3436819" \| "3541222" \| "3772056" \| "3772078" \| "3783005" \| "3791858" \| "3795047" \| "3846168" \| "3971610" \| "3993799" \| "4151313" \| "4249302" \| "4325983" \| "4358479" \| "4512829" \| "4554182" \| "4604799" \| "4775611" \| "4781788" \| "4783722" \| "4917758" \| "4931148" \| "4994139" \| "5092032" \| "5118385" \| "5135606" \| "5178914" \| "5200026" \| "5220135" \| "5271150" \| "5308796" \| "5322593" \| "5435480" \| "5457079" \| "5624268" \| "5670011" \| "5670425" \| "5672226" \| "5719354" \| "5759427" \| "5789320" \| "5819406" \| "5891513" \| "5920123" \| "5984691" \| "6009620" \| "6013876" \| "6015520" \| "6059579" \| "6125531" \| "6138350" \| "6168442" \| "6222136" \| "6291779" \| "6378201" \| "6388204" \| "6486394"). PN. OR ("2002/0150741" \| "2004/0126547" \| "5242540" \| "6264851" \| "6465084" \| "6645607" \| "6711813").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/09/27 16:42 |

S35	24	(US-6914200-$ or US-6486394-$ or US-6426011-$ or US-6388204-$ or US-6378201-$ or US-6291779-$ or US-6222136-$ or US-6138350-$ or US-6125531-$ or US-6015520-$ or US-6009620-$ or US-5984691-$ or US-5920123-$ or US-5719354-$ or US-5624268-$ or US-5435480-$ or US-5271150-$ or US-5220135-$ or US-5135606-$ or US-4783722-$ or US-4512829-$ or US-4249302-$ or US-3971610-$ or US-3436819-$).did.	USPAT	OR	OFF	2005/09/27 17:02
S36	0	S35 and multiple adj passes	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/27 17:07
S37	0	S35 and passes	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/27 17:07

S38	12	S35 and multiple	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/27 17:09
S39	1	S35 and residu$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/27 17:11
S40	6	S1 and S35	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/27 17:12
S41	3	S2 and S35	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/27 17:12
S42	1	S3 and S35	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/27 17:12

S43	2	S4 and S35	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/27 17:12
S44	5	S5 and S35	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/27 17:12
S45	2	S6 and S35	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/27 17:12
S46	7	S40 S41 S42 S43 S44 S45	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/27 17:12

| L12 | 296 | (US-5500555-$ or US-5901014-$ or US-4791239-$ or US-5729435-$ or US-5978222-$ or US-5999376-$ or US-6034852-$ or US-6088233-$ or US-6184133-$ or US-6208031-$ or US-6286207-$ or US-6316738-$ or US-6341415-$ or US-6342682-$ or US-6449835-$ or US-6459046-$ or US-6627986-$ or US-6948944-$ or US-6005193-$ or US-4389278-$ or US-4528064-$ or US-5606198-$ or US-5911356-$ or US-6222426-$ or US-5177668-$ or US-5835350-$).did. or (US-5926373-$ or US-6238221-$ or US-4830704-$ or US-4921054-$ or US-5374788-$ or US-5418690-$ or US-5502893-$ or US-5628852-$ or US-5686702-$ or US-5872337-$ or US-5966804-$ or US-5978231-$ or US-5981880-$ or US-6114932-$ or US-4179800-$ or US-4407883-$ or US-4428241-$ or US-4527853-$ or US-4536733-$ or US-4591411-$ or US-4609586-$ or US-4766406-$ or US-4779840-$ or US-4835598-$ or US-4838800-$ or | USPAT | OR | ON | 2005/10/03 04:52 |

L13	23456	core and (PWB PCB ((printed wiring circuit) near board)) and ((via thru-hole through-hole (thru through) near hole) interconnect$3)	US-PGPUB; USPAT	OR	ON	2005/10/03 04:52
L14	203	12 and L13	US-PGPUB; USPAT	OR	ON	2005/10/03 04:52
L15	31	(US-20020150741-$ or US-20040126547-$).did. or (US-3436819-$ or US-3971610-$ or US-4249302-$ or US-4512829-$ or US-4783722-$ or US-5135606-$ or US-5220135-$ or US-5242540-$ or US-5271150-$ or US-5435480-$ or US-5624268-$ or US-5719354-$ or US-5920123-$ or US-5984691-$ or US-6009620-$ or US-6015520-$ or US-6125531-$ or US-6138350-$ or US-6222136-$ or US-6264851-$ or US-6291779-$ or US-6378201-$ or US-6388204-$ or US-6426011-$ or US-6465084-$ or US-6486394-$).did. or (US-6645607-$ or US-6711813-$ or US-6914200-$).did.	US-PGPUB; USPAT	OR	ON	2005/10/03 04:53
L16	2	12 and 15	US-PGPUB; USPAT	OR	ON	2005/10/03 04:54

L17	9818	L13 and (nub nib protru$4 post bump)	US-PGPUB; USPAT	OR	ON	2005/10/03 04:57
L18	6207	L13 and etch$3	US-PGPUB; USPAT	OR	ON	2005/10/03 04:57
L19	3231	L17 and L18	US-PGPUB; USPAT	OR	ON	2005/10/03 04:57
S14	3220	S4 and S5	US-PGPUB; USPAT	OR	ON	2005/10/03 04:57
L20	74	12 and L19	US-PGPUB; USPAT	OR	ON	2005/10/03 04:58

L21	77	("3011920" | "3436819" | "3541222" | "3772056" | "3772078" | "3783005" | "3791858" | "3795047" | "3846168" | "3971610" | "3993799" | "4151313" | "4249302" | "4325983" | "4358479" | "4512829" | "4554182" | "4604799" | "4775611" | "4781788" | "4783722" | "4917758" | "4931148" | "4994139" | "5092032" | "5118385" | "5135606" | "5178914" | "5200026" | "5220135" | "5271150" | "5308796" | "5322593" | "5435480" | "5457079" | "5624268" | "5670011" | "5670425" | "5672226" | "5719354" | "5759427" | "5789320" | "5819406" | "5891513" | "5920123" | "5984691" | "6009620" | "6013876" | "6015520" | "6059579" | "6125531" | "6138350" | "6168442" | "6222136" | "6291779" | "6378201" | "6388204" | "6486394"). PN. OR ("2002/0150741" | "2004/0126547" | "5242540" | "6264851" | "6465084" | "6645607" | "6711813").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/03 04:58
L22	0	12 and L21	US-PGPUB; USPAT	OR	ON	2005/10/03 04:59
L23	2697	L13 and (conducti$2 filled) near (adhesi$2 epoxy thermoset thermplastic) ablebond$4 ablestik	US-PGPUB; USPAT	OR	ON	2005/10/03 04:59
L24	774	L23 and L17 and L18	US-PGPUB; USPAT	OR	ON	2005/10/03 04:59

L26	2	15 and 25	US-PGPUB; USPAT	OR	ON	2005/10/03 04:59
L25	16	12 and L24	US-PGPUB; USPAT	OR	ON	2005/10/03 05:00
L27	4	(US-6440641-$ or US-6376052-$ or US-5591353-$ or US-5433822-$).did.	USPAT	OR	ON	2005/10/03 05:09
L28	24	(US-6138350-$ or US-6125531-$ or US-6486394-$ or US-6426011-$ or US-5435480-$ or US-5984691-$ or US-5920123-$ or US-5271150-$ or US-5135606-$ or US-5719354-$ or US-5624268-$ or US-3436819-$ or US-5220135-$ or US-4249302-$ or US-3971610-$ or US-4512829-$ or US-6388204-$ or US-6378201-$ or US-6291779-$ or US-6222136-$ or US-6015520-$ or US-6009620-$ or US-6914200-$ or US-4783722-$).did.	USPAT	OR	ON	2005/10/03 05:10
L29	28	27 28	US-PGPUB; USPAT	OR	ON	2005/10/03 05:30
L30	14306	(fill$3 core) with conductive near (polymer resin adhesive filled thermoset)	US-PGPUB; USPAT	OR	ON	2005/10/03 05:32
L31	14328	29 30	US-PGPUB; USPAT	OR	ON	2005/10/03 05:32

L32	6	29 and 30	US-PGPUB; USPAT	OR	ON	2005/10/03 05:32